

QC BATCH ID: LB117536

BOD Water: WP94004

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP94006

GGA: WP94005

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP93693

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 9.07

Barometric Pressure1: 771 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.95

After Incubation

Meter Calibration2: 9.02

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.88



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:25

TIME OUT: 13:00

DATE IN: 11/19/2021

DATE OUT: 11/24/2021

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB117536BL	1	No	6.4	N/A	21.20	300	8.93	8.86	0.07	0.07	0.07	
POLYSEED	1					10	8.89	5.38	3.51	0.7	0.69	
POLYSEED	2					15	8.88	3.92	4.96	0.66		
POLYSEED	3					20	8.86	1.85	7.01	0.7		
GGA	1					6	8.83	4.25	4.58	194.5	211.83	
GGA	2					6	8.81	3.95	4.86	208.5		
GGA	3					6	8.85	3.51	5.34	232.5		
M4759-01	1	No	6.45	N/A	20.80	5	8.90	7.62	-	0	10.07	
M4759-01	2					20	8.88	7.60	-	0		
M4759-01	3					50	8.84	6.45	2.39	10.2		
M4759-01	4					150	8.80	3.14	5.66	9.94		
M4759-01DUP	1	No	6.45	N/A	20.80	5	8.88	7.60	-	0	10.04	
M4759-01DUP	2					20	8.86	7.58	-	0		
M4759-01DUP	3					50	8.82	6.43	2.39	10.2		
M4759-01DUP	4					150	8.78	3.15	5.63	9.88		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod111921 WorkList ID : 154525 Department : Wet-Chemistry Date : 11-19-2021 11:35:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/19/2021	Water	M4759-01	BOD5	Cool 4 deg C	LOCK01	D32	SY-3-20211117	11/17/2021	SM5210 B

Date/Time 11/19/21 11:40
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: RC(Dig Lab)

Date/Time 11/19/21 12:30
 Raw Sample Received by: RC(Dig Lab)
 Raw Sample Relinquished by: KS(WC)